

CLAIMS

What is claimed is:

- 1 1. A method for describing a network comprising:
2 categorizing a subnet into a subnet grouping, wherein subnets within a subnet
3 grouping can route to one another;
4 providing a subnet subsection for the subnet within the categorized subnet grouping;
5 and
6 specifying a network topology type section in the provided subnet subsection.
- 1 2. The method of claim 1, wherein specifying the network topology type section for the
2 established subnet subsection comprises:
3 specifying that the subnet is to be supported by a topology that is compliant with the
4 IEEE 802.3 standard.
- 1 3. The method of claim 1, wherein specifying the network topology type section for the
2 established subnet subsection comprises:
3 specifying that the subnet is to be supported by a topology that is compliant with the
4 IEEE 802.11a standard.
- 1 4. The method of claim 1, wherein specifying the network topology type section for the
2 established subnet subsection comprises:
3 specifying that the subnet is to be supported by a topology that is compliant with the
4 IEEE 802.11b standard.
- 1 5. The method of claim 1, further comprising:
2 providing a list of nodes, the list including at least one node.

- 1 6. The method of claim 5, wherein providing the list of nodes further comprises
2 providing a starting position on the network for the listed node.
- 1 7. The method of claim 5, wherein providing the list of nodes comprises providing the
2 list of nodes within the specified network topology type subsection.
- 1 8. The method of claim 1, wherein categorizing the subnet into a subnet grouping
2 comprises categorizing the subnet into an internal subnet grouping or an external subnet
3 grouping.
- 1 9. The method of claim 8, wherein categorizing the subnet into the internal subnet
2 grouping or the external subnet grouping comprises:
3 placing the subnet in the external subnet grouping, if the subnet is associated with an
4 external interface of a Virtual Private Network (VPN); and
5 placing the subnet in the internal subnet grouping, if subnet is associated with an
6 internal interface of the VPN.
- 1 10. The method of claim 8, wherein categorizing the subnet into the internal subnet
2 grouping or the external subnet grouping comprises:
3 placing the subnet in the external subnet grouping, if the subnet is to be associated
4 with a non-secure interface of a firewall; and
5 placing the subnet in the internal subnet grouping, if the subnet is to be associated
6 with a non-secure interface of a firewall.
- 1 11. A network comprising:
2 a first network component to receive a request for a network configuration; and

3 a second network component in electrical communication with the first network
4 component to provide the request for the network configuration, the second network
5 component having a processor and logic executable thereon to
6 categorize a subnet into a subnet grouping, wherein subnets within a subnet
7 grouping can route to one another
8 provide a subnet subsection for the subnet within the categorized subnet
9 grouping; and
10 specify a network topology type subsection in the provided subnet subsection.

1 12. The network of claim 11, wherein the second network component having the
2 processor and logic executable thereon further comprises logic executable thereon to:
3 provide a list of nodes, the list including at least one node.

1 13. The network of claim 12, wherein to provide the list of nodes comprises to provide
2 the list of nodes within the specified network topology type subsection.

1 14. The network of claim 11, wherein the first network component is a Dynamic Host
2 configuration Protocol (DHCP) server.

1 15. The network of claim 11, wherein the second network component is a control node.

1 16. An article of manufacture comprising:
2 an electronically accessible medium providing instructions that, when executed by an
3 apparatus, cause the apparatus to
4 categorize a subnet into a subnet grouping, wherein subnets within a subnet grouping
5 can route to one another;

6 provide a subnet subsection for the subnet within the categorized subnet grouping;
7 and
8 specify a network topology type subsection in the provided subnet subsection.

1 17. The article of manufacture of claim 16, wherein the electronically accessible medium
2 further provides instructions that, when executed by an apparatus, cause the apparatus to:
3 provide a list of nodes, the list to include at least one node.

1 18. The article of manufacture of claim 17, wherein the electronically accessible medium
2 providing instructions that, when executed by the apparatus, cause the apparatus to provide a
3 list of nodes cause the apparatus to provide the list of nodes within the specified network
4 topology type subsection.

1 19. The article of manufacture of claim 17, wherein the electronically accessible medium
2 providing instructions that, when executed by the apparatus, cause the apparatus to provide
3 the list of nodes, the list to include at least one node, cause the apparatus to provide a start
4 position on the network for the listed node.

1 20. The article of manufacture of claim 17, wherein the electronically accessible medium
2 providing instructions that, when executed by the apparatus, cause the apparatus to categorize
3 the subnet into a subnet grouping, cause the apparatus to categorize the subnet into an
4 internal subnet grouping or an external subnet grouping.

1 21. The article of manufacture of claim 16, wherein the electronically accessible medium
2 providing instructions that, when executed by the apparatus, cause the apparatus to categorize

3 the subnet into the internal subnet grouping or the external subnet grouping, cause the
4 apparatus to:
5 place the subnet in the external subnet grouping, if the subnet is associated with an
6 external interface of a Virtual Private Network (VPN); and
7 place the subnet in the internal subnet grouping, if subnet is associated with an
8 internal interface of the VPN.

1 22. The article of manufacture of claim 16, wherein the electronically accessible medium
2 providing instructions that, when executed by the apparatus, cause the apparatus to categorize
3 the subnet into the internal subnet grouping or the external subnet grouping, cause the
4 apparatus to:
5 place the subnet in the external subnet grouping, if the subnet is associated with a
6 non-secure interface of a firewall; and
7 place the subnet in the internal subnet grouping, if the subnet is associated with a
8 secure interface of a firewall.

1 23. A network comprising:
2 a first network component to receive a description of a configured network; and
3 a second network component in electrical communication with the first network
4 component to provide the description of the configured network, the second network
5 component having a processor and logic executable thereon to
6 categorize a subnet into a subnet grouping, wherein subnets within a subnet
7 grouping can route to one another;
8 provide a subnet subsection for the subnet within the categorized subnet
9 grouping;

10 specify a network topology type subsection in the provided subnet subsection;
11 and
12 provide a list of nodes within the specified network topology type subsection.

1 24. The network of claim 23, wherein the first network component is a control node.

1 25. The network of claim 23, wherein the second network component is a Dynamic Host
2 Configuration (DHCP) server.